

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-570 REV. C
& INSTALLATION DRAWING D206-570 REV. D
REF. TCCA STC: SH90-19
REF. FAA STC: SH810NE

To facilitate installation of the D206-570-145 heating system, the following changes are acceptable:



1. The existing AN804-8J tee fitting can be moved to the forward side of the forward firewall as shown in Figure 1.
2. The D3718-1 hose can be installed off the AN804-8J tee fitting and connected to the bleed air particle separator as shown in Figure 1.
3. The existing D2005-015 hose on the RH side of the valve assembly can be replaced with the D2005-015A hose.
4. The existing D2005-015 hose on the LH side of the valve assembly can be replaced with the D2005-015B hose.
5. The AN815-8D union, MS9387-08 O-ring and AN894D8-6 expander can be installed between the existing AN938-8D tee fitting on the RH side of the D206-570-049 valve assembly and the new D2005-015A hose as shown in Figure 2.
6. The existing D2003-037 tube can be replaced with the D2003-037A tube.
7. The existing D2003-011 tube can be replaced with the D2003-011A tube.
8. The D3717-1 plates can be transfer-drilled and installed using the existing nutplates on the vertical tunnel cover to secure the heater line in the vertical tunnel as shown in Figure 3.

Refer to sheet 2 for Figures 1, 2 and 3.

The following DSI-9399-011 kit is available to facilitate these changes:

QTY -011	Part Number	Description
X	DSI-9399-011	HEATER MODIFICATION KIT
1	D2003-011A	TUBE
1	D2003-037A	TUBE
1	D2005-015A	HOSE
1	D2005-015B	HOSE
3	D3717-1	PLATE
1	D3718-1	HOSE
1	MS9387-08	O-RING
1	AN815-8D	UNION
1	AN894D8-6	EXPANDER

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01
APPROVED 
BY: <u>D. SHEPHERD (DE # 02)</u>
DATE: <u>07.12.12</u>
CERT. NO.: <u>SH90-19</u>
ISSUE NO.: <u>5</u>

A	NEW ISSUE	LE	07.12.12
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9399	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HEATER MODIFICATION KIT	NTS
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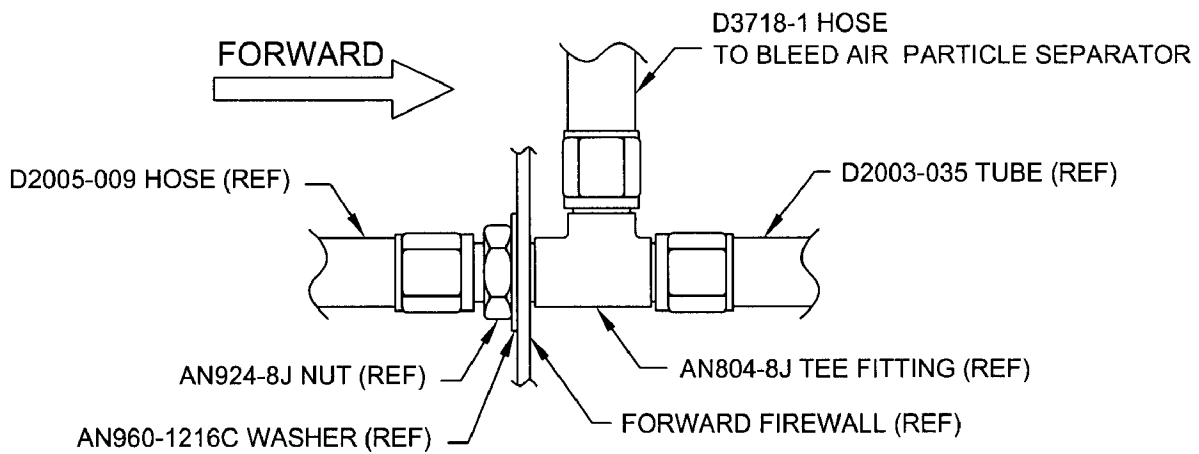


FIGURE 1. TEE FITTING RELOCATION

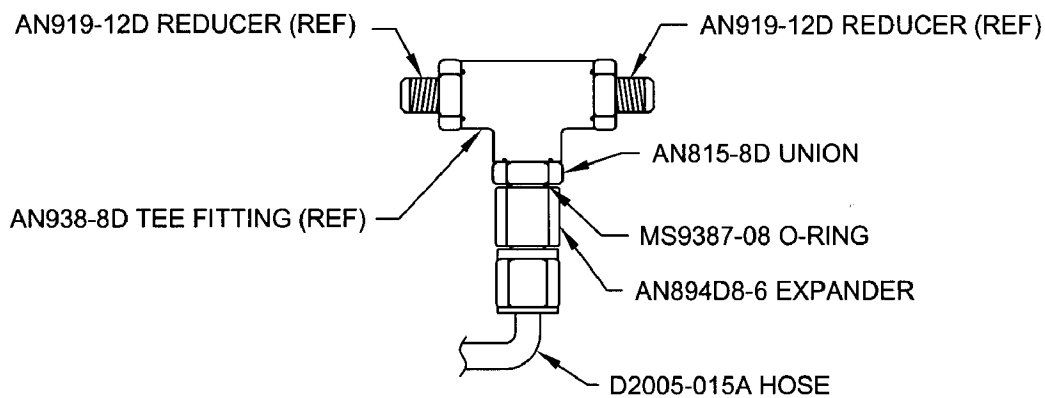


FIGURE 2. D206-570-049 VALVE ASSEMBLY
(VIEW LOOKING INBOARD AT RH SIDE)

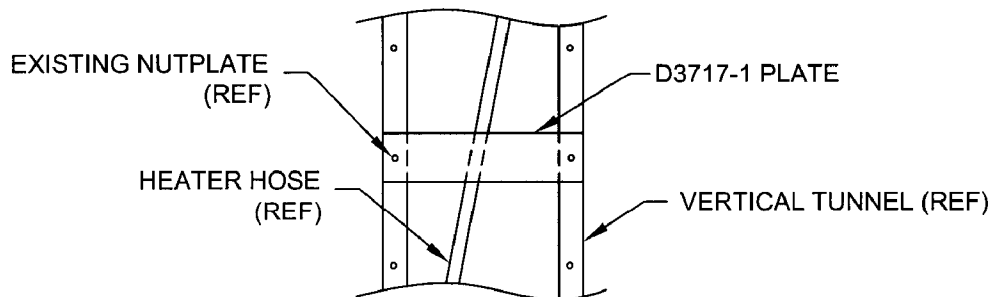


FIGURE 3. PLATE INSTALLATION
(LOOKING FORWARD)

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